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102361364

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- Submission Type: New, Resubmission, Correction, Corrective Document

Conveyance Type

- Conveyance Type: Assignment, License, Merger, Security Agreement, Change of Name, Other

1-21-03

Conveying Party(ies)

- Conveying Parties: Muneaki MUKUDA, Takayuki INUZUKA, Naosi YAMADA, Hideki ASAO, Kazuhisa HENMI

Execution Date(s)

- Execution Dates: January 7, 2003

Receiving Party

Name: Mitsubishi Denki Kabushiki Kaisha, Address: 2-3, Mrunouchi 2-chome, Chiyoda-ku, Tokyo, Japan

100-8310 Zip Code

10/333359

Correspondent Name and Address

Jeffrey A. Wyand, Leydig, Voit & Mayer, 700 Thirteenth St., N.W. Suite 300, Washington, D.C. 20005-3960

Telephone: (202) 737-6770, Facsimile: (202) 737-6776, Attorney Docket No. 402474/SAKAI

Pages: Enter the total number of pages of the attached conveyance document including any attachments: 2

Application Number(s) or Patent Number(s): Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Numbers

Patent Numbers

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year January 7, 2003

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

Table with 4 columns for PCT application numbers: PCT, PCT/JP02/05742, PCT, PCT

Number of Properties

Enter the total number of properties involved: 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): 40.00

Method of Payment:

- Method of Payment: Enclosed is a check, Charge Deposit Account No. 12-1216, Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Jeffrey A. Wyand

Name of Person Signing

Signature of Jeffrey A. Wyand

Signature

Date: January 21, 2003

Date

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is acknowledged, the undersigned,

Muneaki MUKUDA, Takayuki INUZUKA, Naosi YAMADA, Hideki ASAO and
Kazuhisa HENMI
of c/o Mitsubishi Denki Kabushiki Kaisha
2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN
sells, assigns, and transfers to
Mitsubishi Denki Kabushiki Kaisha
of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled:
WAVEGUIDE AND MANUFACTURING METHOD THEREOF

which was executed by the undersigned on Jan. 7,
2003 or was filed on _____ and accorded Serial
No. _____ (the Application);

- (ii) any and all inventions and improvements that are described in the Application;
- (iii) any and all United States Letters Patents that may be granted on the Application (the Patent);
- (iv) any and all divisions, continuations, reexaminations, reissues, or extensions of the Application or the Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

I authorize the Assignee and its agents to insert in this instrument the filing date and serial number of the Application.

I authorize and request the Commissioner of Patents to issue any and all Letters Patent, when granted, to the Assignee.

Further, it is agreed that, when requested, without charge to, but at the expense of, the Assignee, the undersigned will execute all divisional, continuing, or reissue patent applications; execute all additional assignments and other writings, including reissue and reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection for any invention described in the Application.

INVENTOR

Date

Muneaki Mukuda
Muneaki MUKUDA

Jan. 7, 2003

Takayuki Inuzuka
Takayuki INUZUKA

Jan. 7, 2003

Naosi Yamada
Naoshi Yamada
Naosi YAMADA *n.y. January 7, 2003*

Jan. 7, 2003

Hideki Asao
Hideki ASAO

Jan. 7, 2003

Kazuhisa Henmi
Kazuhisa HENMI

Jan. 7, 2003



PATENT
Attorney Docket No. 402474/SAKAI

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

MUKUDA et al.

Art Unit: 2817

Application No. 10/333,359

Examiner: Violet MCCOY

Filed: January 21, 2003

For: WAVEGUIDE AND
MANUFACTURING METHOD
THEREOF

**REQUEST FOR CORRECTED
NOTICE OF RECORDATION OF ASSIGNMENT**

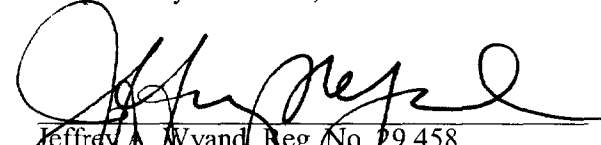
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An error has been noted on the Notice of Recordation of Assignment in the referenced application: the assignee's address is incorrect.

Please issue a corrected Notice of Recordation of Assignment correcting this error. A copy of the Notice with the correction to be made marked in red, a corrected Recordation Form, and the recorded Assignment are attached in support of this request. Please charge Deposit Account No. 12-1216 the amount of \$40.00

Respectfully submitted,



Jeffrey A. Wyand, Reg. No. 29,458
LEYDIG, VOIT & MAYER
700 Thirteenth Street, N.W., Suite 300
Washington, DC 20005-3960
(202) 737-6770 (telephone)
(202) 737-6776 (facsimile)

Date:



PATENT
REEL: 014258 FRAME: 0848



JUNE 13, 2003

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

LEYDIG, VOIT & MAYER
JEFFREY A. WYAND
700 THIRTEENTH ST., N.W.
SUITE 300
WASHINGTON, DC 20005-3960

402474
19 2003



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UNITED STATES PATENT AND TRADEMARK OFFICE
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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MUKUDA, MUNEAKI

DOC DATE: 01/07/2003

ASSIGNOR:

INUZUKA, TAKAYUKI

DOC DATE: 01/07/2003

ASSIGNOR:

YAMADA, NAOSI

DOC DATE: 01/07/2003

ASSIGNOR:

ASAO, HIDEKI

DOC DATE: 01/07/2003

ASSIGNOR:

HENMI, KAZUHISA

DOC DATE: 01/07/2003

ASSIGNEE:

mitsubishi denki kabushiki kaisha
2-3, MARUNOUCHI -CHOME
CHIYODA-KU
TOKYO, JAPAN 100-8310

MARUNOUCHI